

METHOD AND APPARATUS FOR ALTERING THE STRENGTH OF AN ENCRYPTION SYSTEM

ABSTRACT

[0029] A method and apparatus for altering a strength of an encryption system contained within an electronic device, such as a wireless communication device. A cryptographic key is stored in a memory of the electronic device. A first cipher processor encrypts unencrypted data using the cryptographic key to generate encrypted data, which is provided to a second cipher processor. The second cipher processor decrypts the encrypted data using the cryptographic key to generate the original unencrypted data, which is then provided to a third cipher processor. The third cipher processor encrypts the unencrypted data using the cryptographic key to generate encrypted data.

For at least one of the following: